3490

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	3490	039	03	17	78	28AH	3532	7522

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0011	01	00	09	021	Y	NW	10

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	PC	SA	S	FT	151	—	12	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
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RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3L1			PO	DO
START	35°32′	75°22′	1239	4830	11		1139	1140
							PU	ON
FINISH	35°34′	75°21′	1255	4831	11		1210	1211

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1300/2/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

4500 lbs menhaden

3 Blue Back

FIN	CRUST	SHELL	OTHER
4500	0	0	0

R/V DAN MOORE SPECIES LIST

STA. NO. 3490 DATE 17 March 19 78 BIOLOGISTS BFH SWG SGT TMG

TOT. CATCH WT. 4500 AIR 9°C SURFACE 1.4°C BOTTOM 0.4°C

SAMPLE WT. 2250 RAISING FACTOR 4500/2250 = 2.0 GRID 28AH

		SUBSAMPLE		TOTAL			
SPECIES	C or NC	NUMBER	WEIGHT	NO.	WT.	$\bar{X}$ WT	REMARKS
Brevoortia tyrannus		29539	2243.5	59079	4487	<0.1	subsample of subsample 158 fish/12 lbs
Alosa aestivalis		3	1.5	6	3.0	0.5	Leng - Fang.

Species: Alosa aestivalis

STATION: 3490
GRID: 28 AH
DATE: 13 Mar '18

Specimen #	Fork Length (mm)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	250	♀ III	}			Area IV
2	260	♀ III	}	4 mos	2	Subyearlings - see scale records
3	250	♀ III	}			
4						
5						
6						
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8						
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LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Alosa aestivalis

STATION: 3490

DATE: 17 March 1938

LOCALITY: Area IV 28AH

T. L.	♂	♀	Set comb	Juv
50-59.9				
60-				
70-				
80-				
90-				
100-				
110-				
120-				
130-				
140-				
150-				
160-				
170-				
180-				
190-				
200-				
210-				
220-				
230-				
240-				
250-		2	2	
260-		1	1	
270-				
280-				
290-				
300-				
310-				
320-				
330-				
340-				
350-				
360-				
370				
380-				
390-				
400-				
410-				
420-				
430-				
440-				
450-				
460-				
470-				
480-				
490-				
500-				
510-				
520				
530-				
540-				

T. L.	♂	♀	Set comb	Juv
550-				
560-				
570-				
580-				
590-				
600-				
610-				
620-				
630-				
640-				
650-				
660-				
670-				
680-				
690-				
700-				
TOTAL				
N	0	3	3	0
$\bar{x}$	—	253.33	253.33	—
S.D.	—	5.77	5.77	—
range	♀ 250 - 260 mm			

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